

Title (en)
SOLID FORM OF ABIRATERONE ACETATE

Title (de)
FESTE FORM VON ABIRATERONACETAT

Title (fr)
FORME SOLIDE D'ACÉTATE D'ABIRATÉRONNE

Publication
EP 3080141 A1 20161019 (EN)

Application
EP 14809636 A 20141209

Priority
• EP 13196835 A 20131212
• EP 2014077044 W 20141209
• EP 14809636 A 20141209

Abstract (en)
[origin: WO2015086596A1] Combinations of (3 β)-17-(pyridin-3-yl)androsta-5,16-dien-3-yl acetate (Abiraterone acetate) with acidic substances such as citric acid, ascorbic acid, methyl-4-hydroxy benzoate, saccharin, vanillic acid, adipic acid, maleic acid, malic acid, tartaric acid are useful as pharmaceutical preparations and show improved properties such as aqueous solubility and dissolution kinetics, especially in the form of cocrystals or their combination with a suitable acid.

IPC 8 full level
C07J 43/00 (2006.01); **A61K 9/14** (2006.01); **A61K 31/58** (2006.01); **A61P 35/00** (2006.01)

CPC (source: EP US)
A61K 9/14 (2013.01 - EP US); **A61K 31/58** (2013.01 - EP US); **A61P 35/00** (2017.12 - EP); **C07J 43/003** (2013.01 - EP US); **C07B 2200/13** (2013.01 - EP US)

Citation (search report)
See references of WO 2015086596A1

Citation (examination)
• US 2005181041 A1 20050818 - GOLDMAN DAVID [US]
• SHAN N ET AL: "The role of cocrystals in pharmaceutical science", DRUG DISCOVERY TODAY, ELSEVIER, AMSTERDAM, NL, vol. 13, no. 9-10, 1 May 2008 (2008-05-01), pages 440 - 446, XP022649919, ISSN: 1359-6446, [retrieved on 20080422], DOI: 10.1016/J.DRUDIS.2008.03.004
• MINO R CAIRA ED - MONTCHAMP JEAN-LUC: "Crystalline Polymorphism of Organic Compounds", TOPICS IN CURRENT CHEMISTRY; [TOPICS IN CURRENT CHEMISTRY], SPRINGER, BERLIN, DE, vol. 198, 1 January 1998 (1998-01-01), pages 163 - 208, XP008166276, ISSN: 0340-1022, [retrieved on 19990226], DOI: 10.1007/3-540-69178-2_5
• HARRY G. BRITTAIN: "Pharmaceutical cocrystals: The coming wave of new drug substances", JOURNAL OF PHARMACEUTICAL SCIENCES, vol. 102, no. 2, 28 November 2012 (2012-11-28), pages 311 - 317, XP055124605, ISSN: 0022-3549, DOI: 10.1002/jps.23402

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015086596 A1 20150618; EP 3080141 A1 20161019; US 10045998 B2 20180814; US 2016303143 A1 20161020

DOCDB simple family (application)
EP 2014077044 W 20141209; EP 14809636 A 20141209; US 201415103146 A 20141209